

# USB-A-S-F-B-TH Datasheet

[www.digi-electronics.com](http://www.digi-electronics.com)



USB-A-S-F-B-TH

<https://www.DiGi-Electronics.com>

DiGi Electronics Part Number	USB-A-S-F-B-TH-DG
Manufacturer	<a href="#">Samtec Inc.</a>
Manufacturer Product Number	USB-A-S-F-B-TH
Description	CONN RCPT USB2.0 TYPEA 4POS R/A
Detailed Description	USB-A (USB TYPE-A) USB 2.0 Receptacle Connector 4 Position Through Hole, Right Angle



Tel: +00 852-30501935

RFQ Email: [Info@DiGi-Electronics.com](mailto:Info@DiGi-Electronics.com)

DiGi is a global authorized distributor of electronic components.

## Purchase and inquiry

Manufacturer Product Number:

USB-A-S-F-B-TH

Series:

USB-A

Connector Type:

USB-A (USB TYPE-A)

Gender:

Receptacle

Mounting Type:

Through Hole, Right Angle

Termination:

Solder

Ingress Protection:

-

Number of Ports:

1

Voltage - Rated:

30VAC

Shielding:

Shielded

Shell/Shielding Material:

Brass

Insulation Color:

Black

Manufacturer:

Samtec Inc.

Product Status:

Active

Number of Contacts:

4

Specifications:

USB 2.0

Mounting Feature:

Horizontal

Features:

Board Lock

Operating Temperature:

-50°C ~ 85°C

Current Rating (Amps):

-

Mating Cycles:

1500

Contact Finish:

Gold

Material Flammability Rating:

UL94 V-0

Base Product Number:

USB-A

## Environmental & Export classification

RoHS Status:

ROHS3 Compliant

REACH Status:

REACH Unaffected

HTSUS:

8536.69.4040

Moisture Sensitivity Level (MSL):

1 (Unlimited)

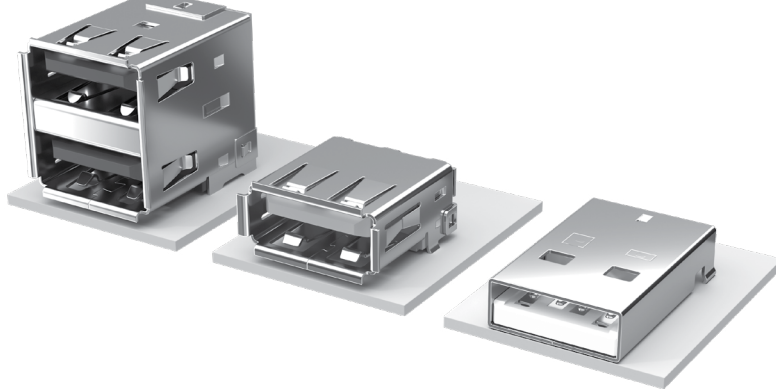
ECCN:

EAR99



# STANDARD & RUGGED USB 2.0

## USB-A/USBR-A/USB-AM SERIES



### SPECIFICATIONS

**Insulator Material:**

High Temperature Thermoplastic

**Contact Material:**

Phosphor Bronze

**Plating:**

Gold on Contacts, Nickel on Shell, Tin on Tails

**Operating Temp Range:**

-50 °C to +85 °C

**Voltage Rating:**

30 VAC/43 VDC

**Cycles:**

1500 (max tested)

**Packaging:**

Packaged and shipped in Bulk Packaging Trays; Trays suitable for automation available

**Lead-Free Solderable:**

-TH & -VU=Yes

(Wave Solder only)

**TID Numbers (USB-A):**

USB-A-D-X-X-TH (61001199)

USB-A-S-X-X-TH (61001180)

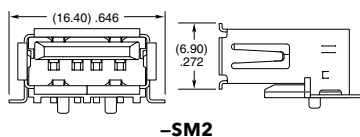
USB-A-S-X-X-SM2 (61001152)

**TID Number (USB-AM):**

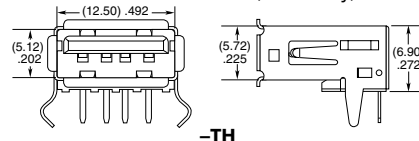
USB-AM-S-X-X-SM (61001154)

SERIES	A	SHELL TYPE	PLATING	COLOR	TERMINATION
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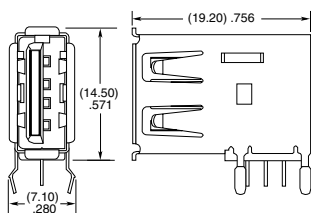
<b>USB</b> = Standard Connector		<b>-S</b> = Single	<b>-F</b> = Gold Flash on Mating Area, Tin on Tails	<b>-B</b> = Black (USB only)	<b>-TH</b> = Through-hole
<b>USBR</b> = Increased Retention Connector (Complies with Class 1, DIV II minimum withdrawal requirement of 15N.)		<b>-D</b> = Double (-TH option only)	<b>-S</b> = 30 μ" (0.76 μm) Gold on Mating Area, Tin on Tails	<b>-W</b> = White (USB only)	<b>-SM2</b> = Surface Mount (USB only)
				<b>-O</b> = Orange (USBR only)	<b>-VU</b> = Upright, Through-hole



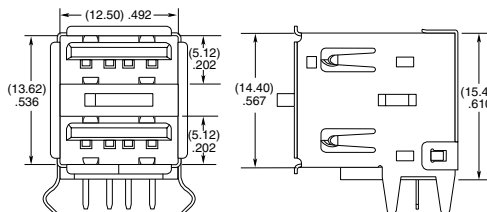
-SM2



-TH



-VU

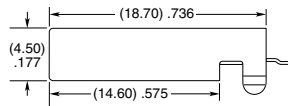


-D (Requires -TH)

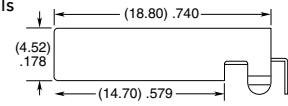
View complete specifications at: [samtec.com?USB-A](http://samtec.com?USB-A) or [samtec.com?USBR-A](http://samtec.com?USBR-A)

USB	TYPE	SHELL TYPE	PLATING	COLOR	TERMINATION
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	<b>-AM</b> = A Type (Plug)	<b>-S</b> = Single	<b>-F</b> = Gold Flash on Mating Area, Tin on Tails	<b>-B</b> = Black	<b>-TH</b> = Through-hole
			<b>-S</b> = 30 μ" (0.76 μm) Gold on Mating Area, Tin on Tails	<b>-W</b> = White	<b>-SM1</b> = Surface Mount



-SM1



-TH

View complete specifications at: [samtec.com?USB-AM](http://samtec.com?USB-AM)

## OUR CERTIFICATE

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